

Title (en)

Bone plate device.

Title (de)

Knochenplattenanordnung.

Title (fr)

Plaque ostéosynthétique.

Publication

EP 0507162 B1 19940309 (DE)

Application

EP 92104908 A 19920320

Priority

DE 9104025 U 19910403

Abstract (en)

[origin: JPH05111495A] PURPOSE: To provide a splint device which is easy to attach to a bone because of a high degree of freedom for screws to be attached and keeps a definite angle so as to be able to prevent screws loosened in the bone from dropping out. CONSTITUTION: This splint device, which comprises a splint 3 having at least one through hole 2, and a bone screw 1 inserted into the through hole 2, is provided with a sleeve 4 which is separate from the bone screw 1 and fixed inside the through hole 2, and the bone screw 1 is designed to be capable of being secured to the sleeve 4.

IPC 1-7

A61B 17/58

IPC 8 full level

A61B 17/56 (2006.01); **A61B 17/58** (2006.01); **A61B 17/70** (2006.01); **A61B 17/80** (2006.01)

CPC (source: EP US)

A61B 17/7007 (2013.01 - EP US); **A61B 17/701** (2013.01 - EP US); **A61B 17/7058** (2013.01 - EP US); **A61B 17/7059** (2013.01 - EP US); **A61B 17/8033** (2013.01 - EP US); **A61B 17/8047** (2013.01 - EP US)

Citation (examination)

EP 0410309 A1 19910130 - BIEDERMANN LUTZ [DE], et al

Cited by

US5741258A; FR2790941A1; US5681310A; AU2008306998B2; US6053919A; FR2718943A1; US5810823A; AU678196B2; EP0600290A1; US5380327A; FR2704137A1; US6663635B2; US7229441B2; EP2198796A1; US6893443B2; US8641740B2; WO0103591A1; WO9701991A1; WO0054681A3; WO2009043827A1; US7326249B2; US7041138B2; US7341601B2; US6827743B2; WO0103593A1; WO9416634A1; EP2190369B1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0507162 A1 19921007; **EP 0507162 B1 19940309**; DE 59200082 D1 19940414; DE 9104025 U1 19920730; ES 2051136 T3 19940601; JP 2977662 B2 19991115; JP H05111495 A 19930507; US 5234431 A 19930810

DOCDB simple family (application)

EP 92104908 A 19920320; DE 59200082 T 19920320; DE 9104025 U 19910403; ES 92104908 T 19920320; JP 8197292 A 19920403; US 86222192 A 19920402